APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Pressure Die Casting of Steel, by V. M. Belov, S. A. Kazennov.

RUSSIAN, per. Lit Proiz, No 10, 1959, pp 12-17.

HB 4847

Sci - Engr

Oct 60

129,116

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

RE
THERMAL TREATMENT OF MOLTEN METALS AND ITS EFFECT ON MECHANICAL PROPERTIES OF CASTING, BY A. G. SPASSKI, B. A. FOMIN, [redacted] S. I. OLEYNIKOV.

RUSSIAN, PER, LIT PROIZ, NO 10, 1959, PP 105-108.

ALUMINIUM LAB

SCI + ENGR

173,190

NOV 6L

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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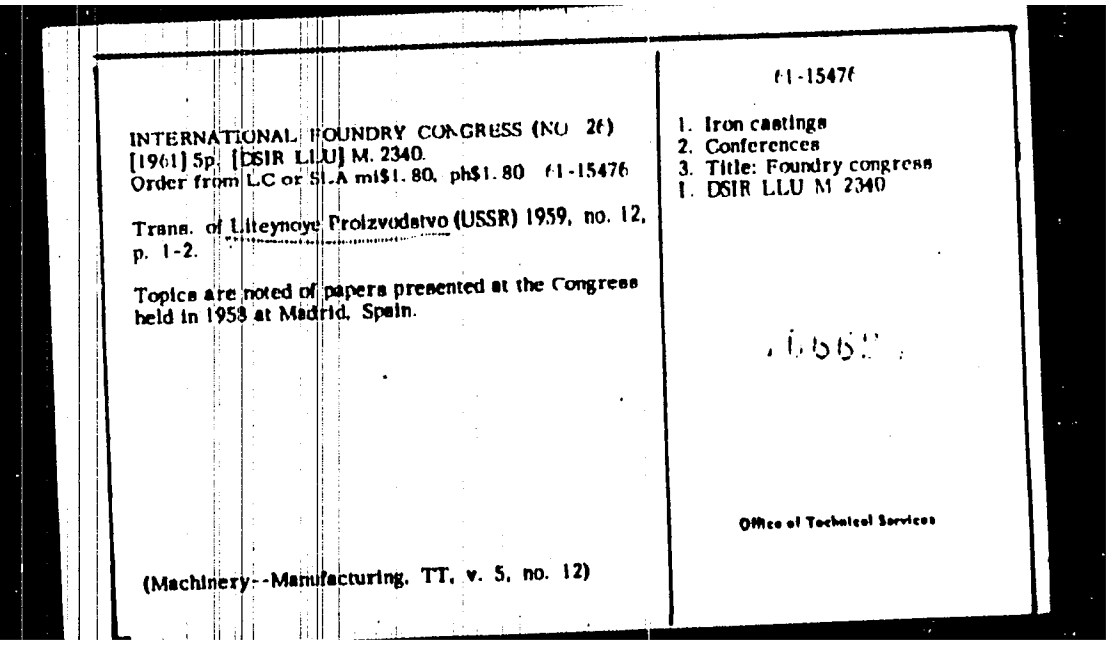

INTERNATIONAL FOUNDRY CONGRESS (NO 26)
[1961] 5p. [DSIR LLU] M. 2340.
Order from LC or SLA mi$1.80, ph$1.80 61-15476

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 1-2.

Topics are noted of papers presented at the Congress held in 1958 at Madrid, Spain.

(Machinery--Manufacturing, TT, v. 5, no. 12)

61-15476

1. Iron castings
2. Conferences
3. Title: Foundry congress
1. DSIR LLU M 2340

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Kolchinskiy, V. M.
CASTING IN CERAMIC MOULDS. [1961] [5]p. [DSIR LLU] M. 2341.
Order from LC or SLA mi$1.80, ph$1.80 61-15477

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 2-3.

Instructions.

(Machinery--Manufacturing, TT, v. 5, no. 12)

61-15477

1. Iron castings--Production
I. Kolchinskiy, V. M.
II. DSIR LLU M. 2341

100625

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Kurochkin, P. D.
CASTING BLAST FURNACE IRON. [1961] [4]p. [DSIR LIU] M. 2342.
Order from LC or SLA mi$1.80, ph$1.80 61-15478

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 3-4.

In spite of appreciable differences in silicon content and of a high proportion of phosphorus, the mechanical properties of the iron of blast furnace melts treated with magnesium exceed by a factor of 3 or 4 the mechanical properties of the original iron, also the properties of sulphur and inoculated cupola cast irons (GOST 1412-54) and in many cases approach the mechanical properties of magnesium cupola cast iron (GOST 7293-54). Industrial experience has demonstrated the advantages of magnesium-treated iron from the blast furnace melt for casting machine components.

(Machinery--Manufacturing, TT, v. 5, no. 12)

61-15478

I. Iron castings--Production
I. Kurochkin, P. D.
II. DSIR LIU M. 2342

10662

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Shestopal, V. M.
IN THE FOUNDRIES OF CZECHO-SLOVAKIA. [1961]
[9]p. 1 ref. [DSIR LLU] M. 2344.
Order from LC or SLA mi$1.80, ph$1.80 61-15480

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 5-7.

Processes and special machines introduced in Czechoslovakia are reviewed.

(Machinery--Manufacturing, TT, v. 5, no. 12)

61-15480

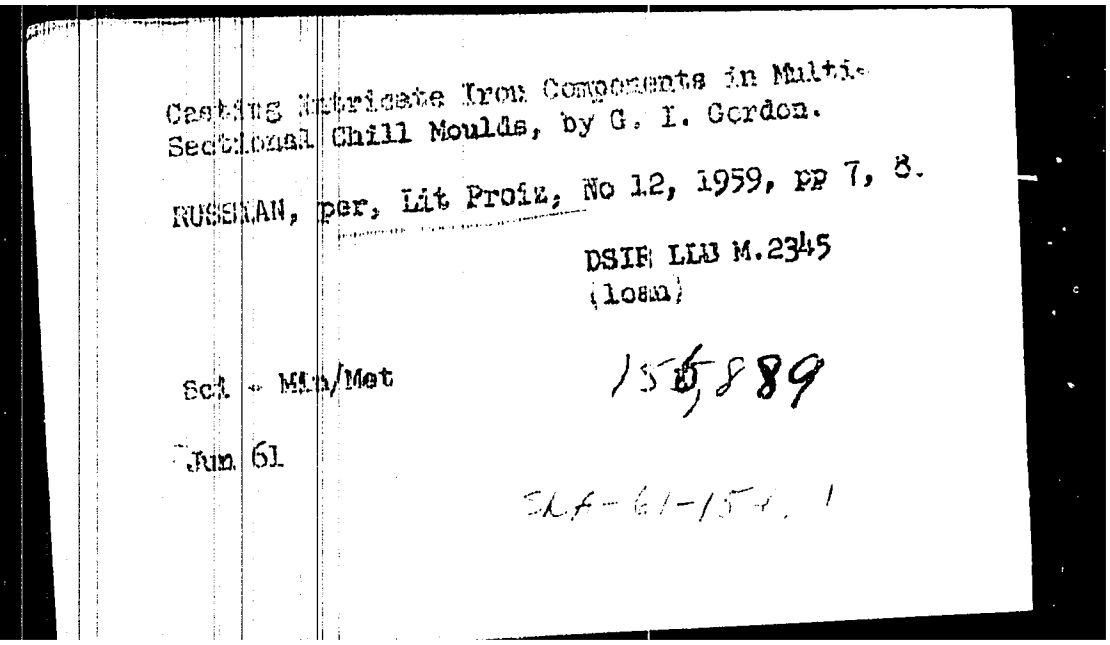
1. Iron industry--Czechoslovakia
2. Iron castings--Production
I. Shestopal, V. M.
II. DSIR LLU M. 2344

106182

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2



Casting Intricate Iron Components in Multi-Sectional Chill Moulds, by G. I. Gordon.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 7, 8.

DSIR LIB M.2345
(losm)

Sct - Min/Met

Jun 61

15589

Slf-61-154.1

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

New Method of Trimming and Fettling Castings, by M. S. Kashanskiy, et al.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 8, 9.

DSIR LLU M.2346
(loan)

Sci - Engr

Jun 61

156,890

SLA - 11-15 Nov

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Frolov, N. P.
SB BINDER USED FOR LARGE IRON CASTINGS.
[1961] [5]p. [DSIR LLU] M.2347.
Order from LC or SLA mi$1.80, ph$1.80 61-15483

Trans. of Liteynoye Proizvodstvo (USSR) 1959, v. 12, no. 9-10.

The experiences of the heavy casting shop of the Kolomna Heavy Machine Construction Works are reviewed concerning the use of the quick-hardening SB binder. This binder is an emulsion of sulfited distillation residues with additions of GTF (GOST 5339-50) flaky generator tar as emulsifier. Advantages and shortcomings of the binder are noted.

(Machinery--Manufacturing, TT, v. 5, no. 12)

61-15483

1. Iron castings--Binders
I. Frolov, N. P.
II. DSIR LLU M.2347

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Belov, V. M.
THE OPERATION OF DIE-CASTING MACHINES WITH HORIZONTAL PRESSURE CHAMBERS. [1961] [5]p. [DSIR LLU] M2348.
Order from LC or SLA mi$1.80, ph$1.80 61-15484

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 11-12.
Another translation is available from HB $2.90 as HB-4879, Sep 60, 1000 words.

(Metallurgy, TT, v. 5, no. 11)

61-15484

1. Dies--Casting
2. Steel--Casting
3. Machines--Operation
I. Belov, V. M.
II. DSIR LLU M.2348

160955

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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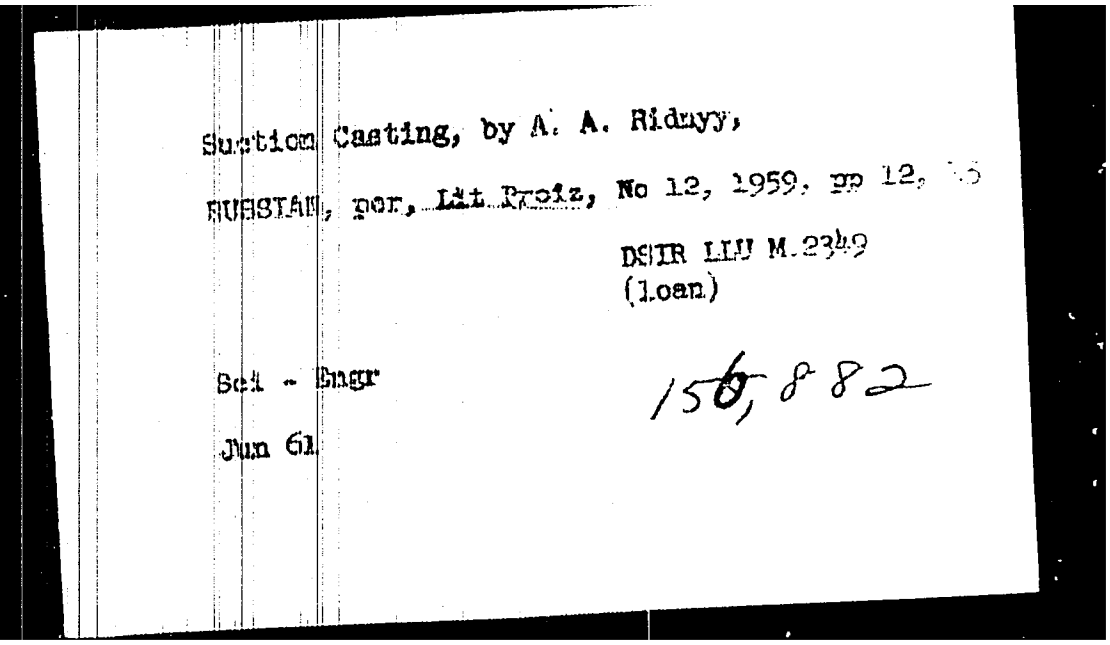

Suction Casting, by A. A. Ridnyy,

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 12, [illegible]

DSIR LIU M.2349
(loan)

Sci - Engr

Jun 61

150,882

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Chaykovskiy, K. A.
AN INERTIAL SHAKING-OUT FRAME. [1961] [2]p.
[DSIR LLU] M. 2350.
Order from LC or SLA mf$1.80, ph$1.80 61-15485

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 13-14.

A 10-ton inertial shaking-out frame is described that was designed and constructed at the Sibtyazhmash Works.

(Machinery--Machine Parts, TT, v. 5, no. 12)

61-15485

1. Inertia devices--Design
I. Chaykovskiy, K. A.
II. DSIR LLU M. 2350

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Kushch, K. M.
APPARATUS WITH ONE ELECTRONIC VALVE CARRYING OUT THE FUNCTIONS OF MANY TIME - AND FEED-BACK RELAYS. [1961] [6]p. 3 refs. [DSIR LLU] M. 2351.
Order from LC or SLA mi$1.80, ph$1.80 61-15486

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 14-15.

An electronic mechanism for time control is described which replaces any number of successively arranged time relays with adjustable or independent timing.

(Machinery--Manufacturing, TT, v. 5, no. 12)

61-15486

1. Control systems--Design
2. Foundries--Operation
3. Industrial production--Control systems
I. Kushch, K. M.
II. DSIR LLU M. 2351

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Zorin, A. I.
MECHANIZATION OF SINGLE AND SMALL SCALE PRODUCTION OF CORES. [1961] [5]p. [DSIR LLU] M. 2352.
Order from LC or SLA mi$1.80, ph$1.80 61-15487

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 15-16.

A machine for densifying by vibration is described.

(Machinery--Manufacturing, TT, v. 5, no. 12)

61-15487

1. Castings--Production
2. Castings--Machining
I. Zorin, A. I.
II. DSIR LLU M. 2352.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

The Mechanism of Gra Graphite Formation in Magnesium Iron, by R. P. Rusev.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 17-19.

NLL M. 2353

Sci - Min/Metals

Dec 61

174, 971

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Effect of Inoculation Agents on the Shrinkage of High Alloy Chromium and Chromium-Nickel Steels, by N. S. Kreshchanovskiy, M. P. Demin.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 19-21.

NLL M. 2354

Sci - Min/Metals

Dec 61

174.940

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Hot Shortness of Aluminium Alloys Due to Overheating the Melt, by I. I. Novikov, G. A. Korolkov.

RUSSIAN, per, Lit Prois, No 12, 1959, pp 21-22.

MLL M. 2355

Sci - Min/Metals

Nov 61

173, 975

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

The Overheating of Iron in the Cupola, by A. V. Kaibichev, V. P. Chernobtovkin.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 22-24.

DSIR M.2356

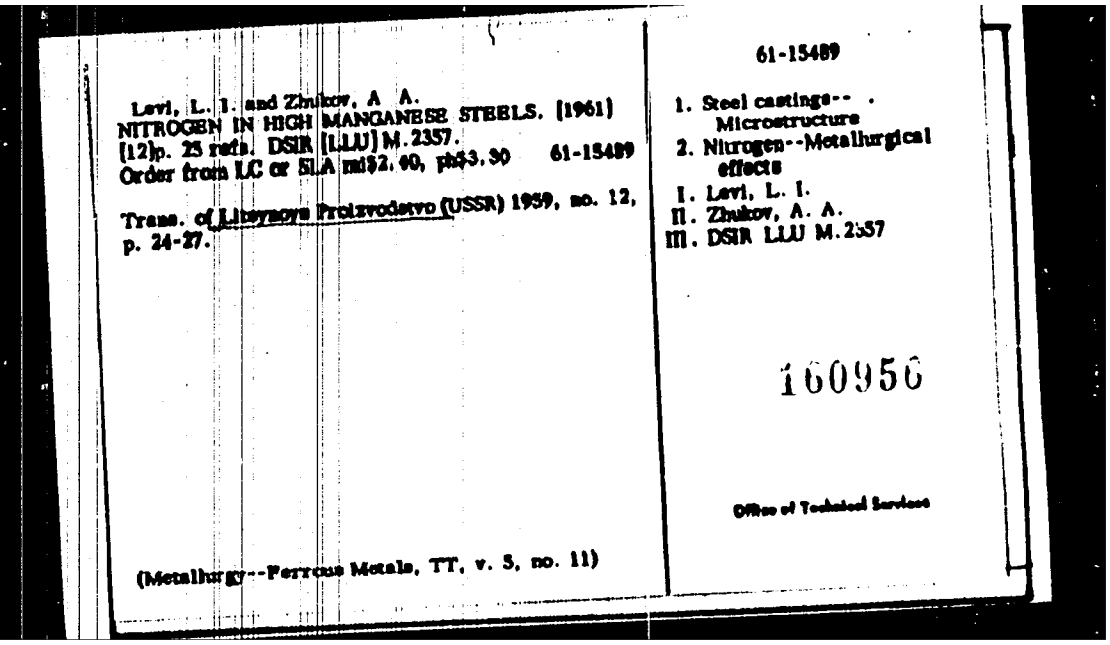
Sci - Chem

Sep 61

168, 604
SLA - 61-1548

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2



Levi, L. I. and Zhukov, A. A.
NITROGEN IN HIGH MANGANESE STEELS. [1961]
[12]p. 25 refs. DSIR [LLU] M.2357.
Order from LC or SLA mf$2.00, ph$3.00 61-15489

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 24-27.

(Metallurgy--Ferrous Metals, TT, v. 5, no. 11)

61-15489

1. Steel castings-- Microstructure
2. Nitrogen--Metallurgical effects
I. Levi, L. I.
II. Zhukov, A. A.
III. DSIR LLU M.2357

160956

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Popov, A. D.
CRYSTALLIZATION OF IRON IN CONTINUOUS CASTING. [1961] [4]p. [DSIR LLU] M. 2358.
Order from OTS or SLA $1.10 61-15490

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 27-28.

DESCRIPTORS: *Cast iron, *Crystallization, *Pipes, Casting, Iron.

The principal factors in determining efficient technological parameters for the continuous casting of iron tubes and other components are (1) the crystallization constants in continuous casting of iron (2) the thickness of the solidifying shell in the mould, and (3) the depth of the liquid phase.

(Metallurgy, TT, v. 6, no. 1)

61-15490

I. Povov, A. D.
II. DSIR LLU M. 2358

161783

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Gol'dshteyn, Ya. Ye. and Pyatakova, L. L.
THE EFFECT OF TITANIUM ON THE PROPERTIES OF BORON-CONTAINING STEELS. [1961] [10]p.
1 ref. [DSIR LLU] M. 2359.
Order from OTS or SLA $1.10 61-15491

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 28-31.

DESCRIPTORS: Casting, *Steel, *Titanium, *Boron steel

L36R, 45R, and 20 KhGNR boron steels were examined. It was concluded that titanium added to boron containing steel exerts a strong inhibiting action on grain growth. A combined deoxidation of boron steel with silico-calcium (0.2-0.3%) and small additions of aluminum (0.03%) is very effective. The advisability of titanium additions depends upon the intended use of the steel and upon the conditions of its subsequent hot mechanical and thermal treatments. The addition of titanium is undesirable for casting-type steels. (Metallurgy, TT, v. 6, no. 1)

61-15491

I. Gol'dshteyn, Ya. Ye.
II. Pyatakova, L. L.
III. DSIR LLU M. 2359

1617:6

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

The Effect of Densification of the Strength of the Moulding Mixture With S.B. Binder, by N. D. Egorkina.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 31-32.

DSIR M.2360

Sci - Engr

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16 of 600

SLA-61-15[illegible]

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Valisovskiy, I. V.
WETTING OF MOULDING MATERIALS BY THE MOLTEN ALLOY. [1961] [12]p. 12 refs. [DSIR LLU] M. 2361.
Order from OTS or SLA $1.60 61-15493

Trans. of Liteynoye Proizvodstvo (USSR) 1959, no. 12, p. 32-35.

DESCRIPTORS: *Casting, *Flotation, Wetting agents, *Molding materials, Liquid metals, *Alloys,

A comparison of the wetting of moulding materials by different alloys showed that in an oxidizing gaseous medium the wetting by Armco iron and by 30L carbon steel is practically the same. In a neutral gas atmosphere the acid moulding materials (mixtures on a quartz base and chromium iron ores) are wetted better by 30L steel and worse by chromium nickel steel. Armco iron occupies an intermediate position. The basic moulding materials (magnesite and chrome-
(Metallurgy, TT, v. 6, no. 1) (over)

61-15493

I. Valisovskiy, I. V.
II. DSIR LLU M. 2361

161791

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Effect of Small Additions of Zirconium, Titanium and Boron on the Structure and Properties of Silicon Iron, by V. M. Chursin, A. Ya. Zavgorodnii.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 35-37.

DSIR LLU M.2362
(loan)

Sci. - Min/Met

Jun 61.

1587
SLA-2-10174

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Automatic Discard Control of the Spent Mixture From the Shaking Out Frames on to a Belt Conveyor, by P. D. Adayev, et al.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 37.

DSIR M.2363

Sci - Engr

168,588

Sep 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Production of Iron Castings of High Quality, by
I. ya P. Khodosek.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 38.

DSIR M.2363

Sci - Engr

Sep 61

168 606

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Shell Cores With Water-Glass Mixtures, by V. S. Burov.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 38.

NLL M. 2363

Sci - Chem

Jan 62

180, 050

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Coating Cast Iron Crucibles for Melting Aluminium Alloys, by M. P. Kuptsov.

RUSSIAN, pat, Lit Proiz, No 12, 1959, p 39

NLL M. 2363

Sci - Engr

Dec 61

174,984

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Experience With a Moulding Compound on a Lignite Base, by O. P. Pavlov, et al.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 39.

DSIR M.2363

Sci

Sep 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

A Sectional Casting Box, by B. V. Rabinovich.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 39.

DSIR M.2363

Sci

Sep 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Melting Magnesium Alloy in Basic Crucibles, by
A. P. Perov, I. S. Pryanishnikov.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 40.

DSIR M.2363

Sci

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Experience With Induction Furnaces, by V. V. Panin.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 40.

DSIR M.2363

Sci

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

One Piece Coreboxes for Making Tall Cylindrical Cores, by P. K. Khamidov.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 61.

MLL M. 2363

Sci - Engr

Dec 61

174.982

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

The Problem of Automatic Mould Filling, by A. M. Shnyakov.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 41.

NLL M. 2363

Sci - Engr

174, 986

Dec 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Extraction of Metallic Inclusions From Spent Moulding Mixtures, by V. A. Shcherbina.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 42.

NLL M. 2363

Sci - Engr

174.985

Dec 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

First Russian Manual for Foundry Practice ~~XX~~ Its Author:- Mining Engineer Apollon Fedorovich Mevius, by D. M. Modolevich.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 43-45.

DSIR M. 2364

168, 563

USSR

Econ

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Index of Articles Published in 1959 in Liteinoe Proizvodstvo.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 45.

NLL M. 2365

Jan 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Cast Iron for the Manufacture of Alkali-Resisting Boilers, by K. I. Vashchenko, A. N. Firstov, P. V. Avrinskiy.

RUSSIAN, per, Lit Proiz, No 1, 1960, pp 7-10.

BCIRA 1005

Sci - Engr

Sep 61

168: 587

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Bolshakov, I. F. and Svyatkin, B. K.
EINE AUTOMATISCHE FLIESSSTRASSE ZUM FORMEN, ZUSAMMENSETZEN UND AUSSCHLAGEN VON GUSSSTUECKEN (Automatic Line for Molding, Assembling and Shakeout of Castings). 8p.
Order from TIB $1.55

Trans. in German of Liteinoe Proizvodstvo (USSR) 1960, no. 1, p. 16-19.

DESCRIPTORS: *Automation, *Molding, *Castings.

(Machinery--Manufacturing, TT, v. 9, no. 11)

62-27344

I. Bolshakov, I. F.
II. Svyatkin, B. K.
III. Technische Informations-bibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Segregation in Centrifugal Steel Castings, by N. N. Reutov.

RUSSIAN, per, Lit Proiz, No 1, 1960, pp 35, 36.

HB 5044

Sci - Min/Met

Jun 61

158 803

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Gorshkov, A. A.
GIESSEREIINSTITUT DER UKRAINISCHEN AKADEMIE DER WISSENSCHAFTEN (Foundry Production Institute of the Ukrainian Academy of Sciences). 11p.
Order from TIB $2.00

Trans. in German of Liteinoe Proizvodstvo (USSR) 1960, no. 1, p. 46-48.

DESCRIPTORS: *Casting, Production

(Machinery--Manufacturing, TT, v. 9, no. 11)

62-27346

I. Gorshkov, A. A.
II. Technische Informations-bibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

xperimental Inoculation of Cast Iron With Cerium
Lloys, by E. M. Shkol'nikov, et al.

SIAN, per, Lit Proiz, No 2, 1960, pp 36, 37.

HB 4873

:1 - Min/Met

: 60

127,034

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Influence of Composition and Heat Treatment of Metal Alloys on the Feeding of Castings, by K. N. Militsyn,

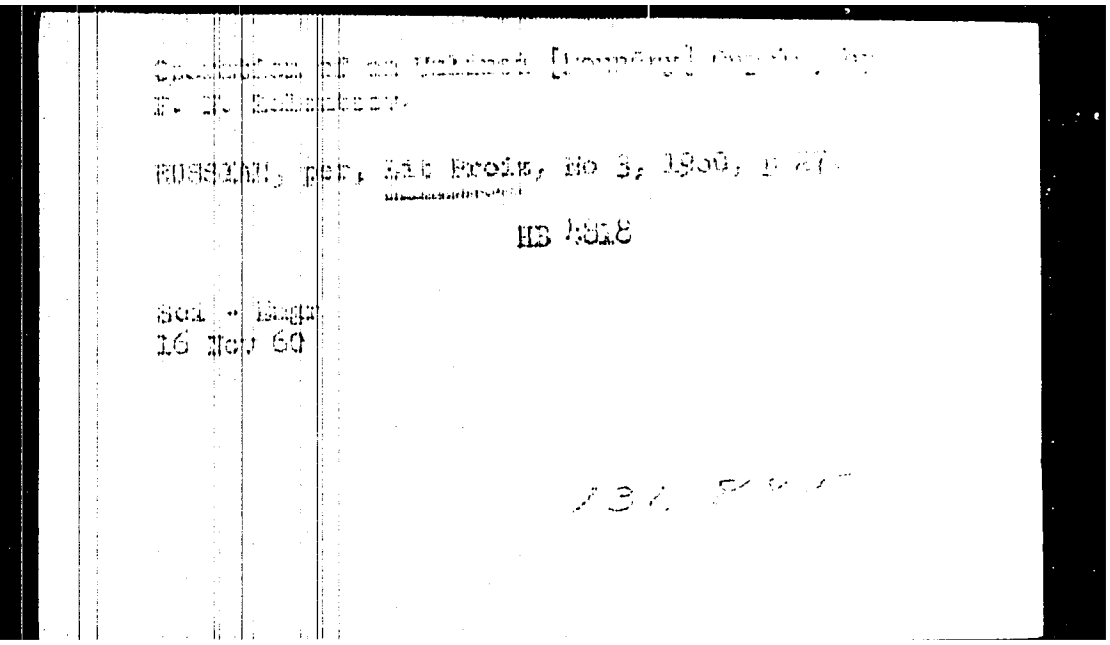
RUSSIAN, per, Liteinoe Proizvodstvo, No 5, 1960, pp 19-24.

GB/1

Sci
Dec 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2



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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Use of Borborade Sleeves for Heating of Powder Heads on a Steel Armature Casting, by I. O. Belchorski.

TESTM, per, Lit Proiz, No 3, 1960, p 32.

RCIRA 1012

Sci - Chem

193, 716

May 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

CASTING IN ANODISED MOULDS, BY O. L. PETROV.

RUSSIAN, PER, LIT PROIZ, NO 4, 1960, P 46.

ALUMINIUM LAB

SCI - ENGR

173,189

NOV IL

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Dimensional Accuracy and Surface Finish of Castings, by I. I. Goryunov.

[illegible] Aluminum Lab

Sci - Engr

Oct 60

129,677

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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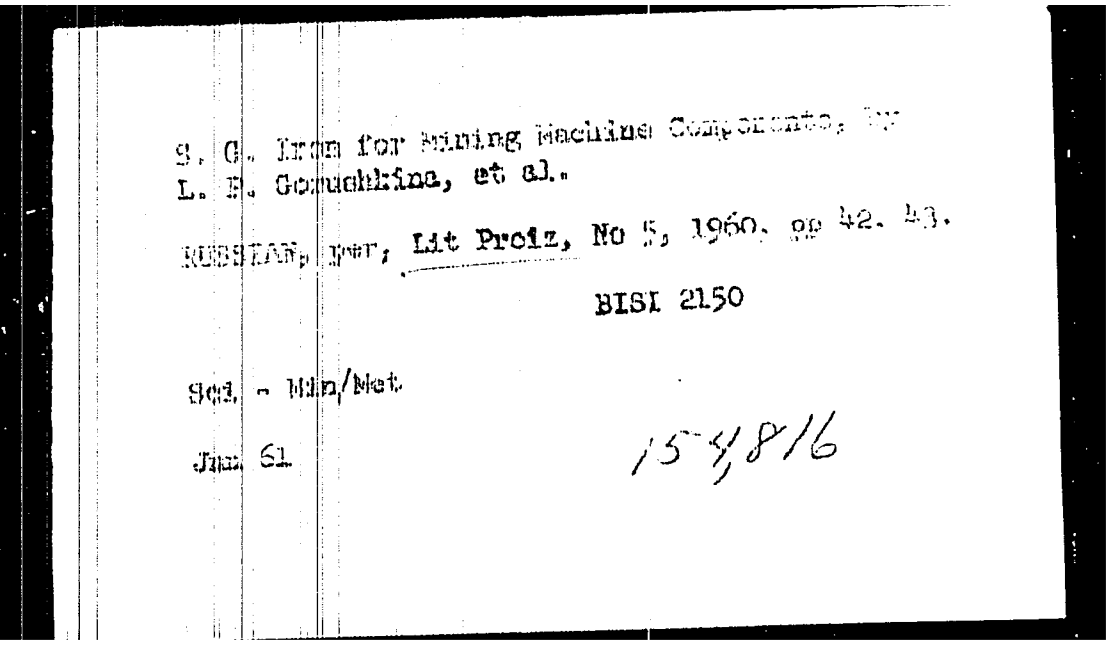

S. G. Iron for Mining Machine Components, by
L. P. Gonnakhina, et al.

RUSSIAN, per; Lit Proiz, No 5, 1960, pp 42, 43.

BISI 2150

Sci. - Min/Met

Jan. 61

15-4/816

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Effect of Calcium Upon Graphic Structure in Cast Iron, by F. N. Tavadze, Sh. S. Katsitadze.

RUSSIAN, per, Lit Proiz, No 6, 1960, pp 29, 30.

HB 4884

Sci - Chem, Min/Met

Sep 60

127,036

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

CONVEYORIZED FURNACE FOR ANNEALING OF PIPE,
BY A. V. SKVORTSOV.

RUSSIAN, PER, LIT PROIZ, NO 6, 1960,
PP 42-43.

HB 5187

SCI - ENGR
AUG 62

206,999

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Another Note on the Deoxidation of Steel With Aluminum, by G. S. Ovsyuk.

RUSSIAN, per, Lit Proiz, No 6, 1960, pp 47, 48.

HB 5024

Sci - Chem

Jan 61

136,579

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

(NY-2900/25)

Mechanized Continuous Line of Sandblast Machine Molding, by A. S. Shuper, L. Ya. Melekhin, 8 pp.

RUSSIAN, per, Liteynoye Proizvodstvo, No 7, 1960, pp 14-16.

JPRS 7252

USSR

Econ

Jan 61

136,448

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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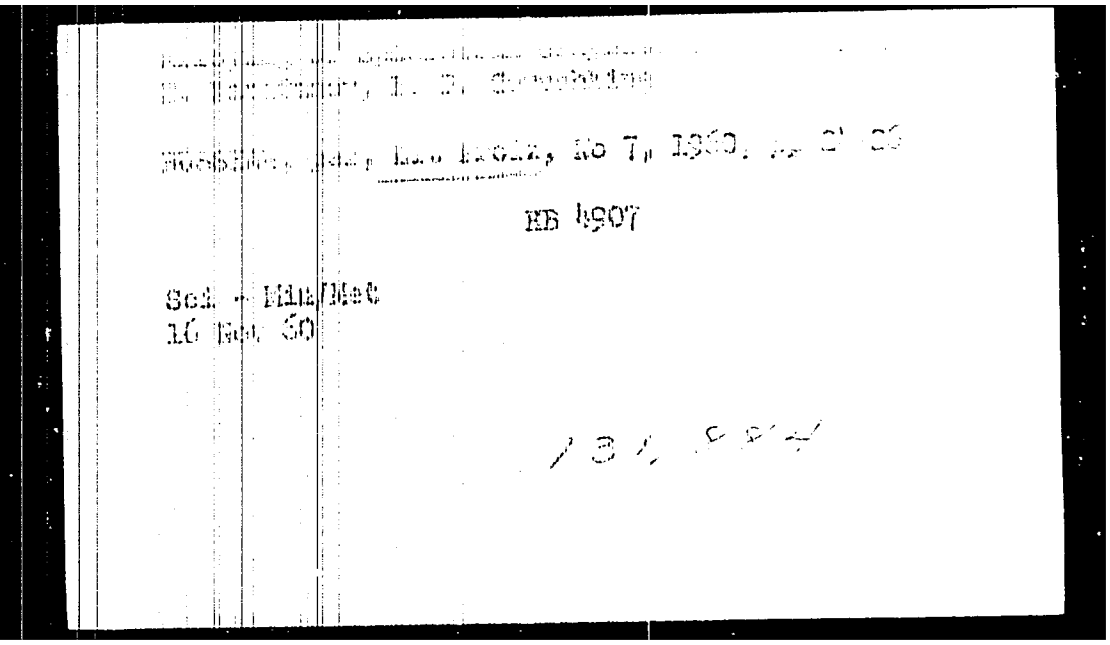

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Girshovich, N. G.
THE EFFECT OF SUPERHEATING DURING MELTING AND MODIFICATION ON THE PROPERTIES OF GREY CAST IRON. [1961] 13p.
Order from ATS $19.45 ATS-09N56R

Trans. of Liteinoe Proizvodstvo (USSR) 1960, no. 7, p. 26-32.

DESCRIPTORS: *Cast Iron, Heat treatment, Melting.

RJ-3875

(Metallurgy--Ferrous Metals, TT, v. 7, no. 4)

62-12155

I. Girshovich, N. G.
II. ATS-09N56R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Casting of Metals With the Pouring System [Instead of the Mold] Being Vibrated, by G. F. Balandin.

RUSSIAN, per, Lit Proiz, No 7, 1960, pp 34-36.

MB 4908

Sci - Engr

Oct 60

129,106

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Operating Experiences With [Natural] Gas-Fired Cupolas, by P. L. Shkurupiy, A. G. Arnopolin.

RUSSIAN, per, Lit Proiz, No 9, 1960, pp 12, 13.

HB 5098

Sci - Engr

Apr 61

147,468

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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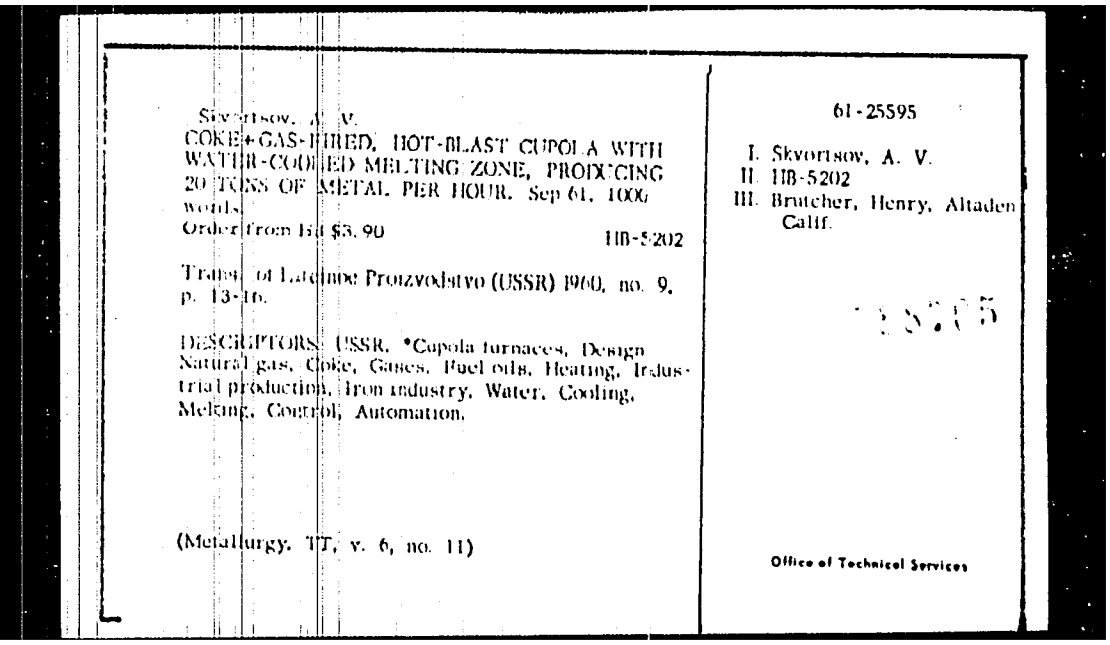

Skvortsov, A. V.
COKE+GAS-FIRED, HOT-BLAST CUPOLA WITH WATER-COOLED MELTING ZONE, PRODUCING 20 TONS OF METAL PER HOUR. Sep 61. 1000 words.
Order from IH $3.90 HB-5202

Trans. of Liteinoe Proizvodstvo (USSR) 1960, no. 9, p. 13-16.

DESCRIPTORS: USSR, *Cupola furnaces, Design, Natural gas, Coke, Gases, Fuel oils, Heating, Industrial production, Iron industry, Water, Cooling, Melting, Control, Automation.

(Metallurgy, TT, v. 6, no. 11)

61-25595

I. Skvortsov, A. V.
II. HB-5202
III. Brutcher, Henry, Altaden Calif.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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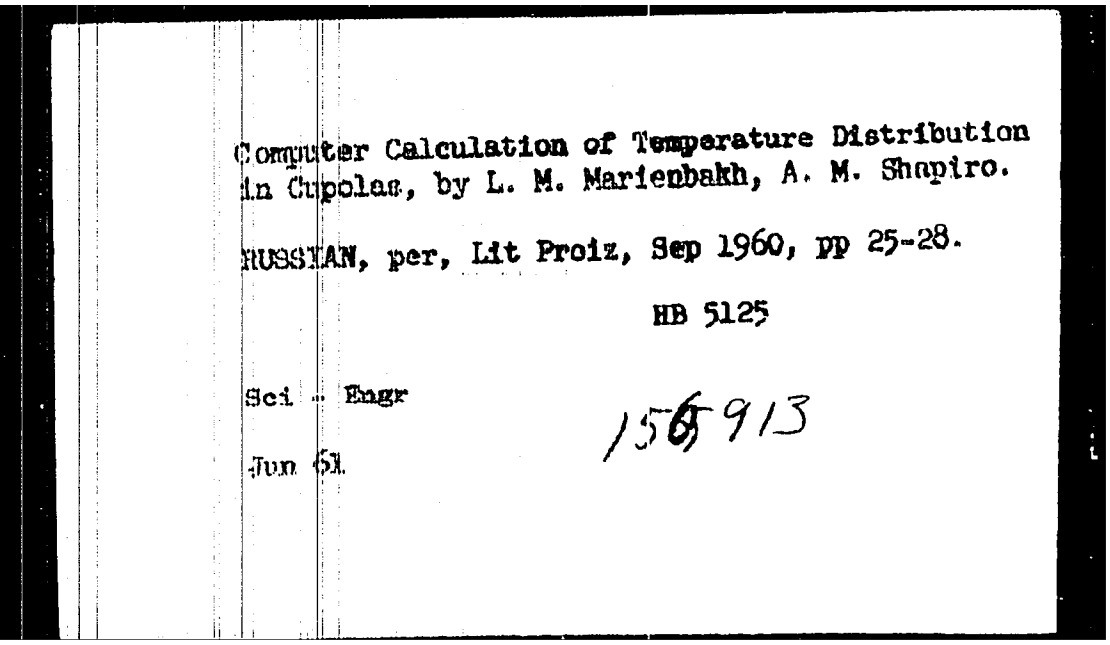

Computer Calculation of Temperature Distribution in Cupolas, by L. M. Marienbakh, A. M. Shapiro.

RUSSIAN, per, Lit Proiz, Sep 1960, pp 25-28.

HB 5125

Sci - Engr

Jun 61

156913

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

RADIOACTIVE ISOTOPE STUDY OF CRYSTALLIZATION OF ALUMINUM DURING CONTINUOUS CASTING, BY V I DOBATKIN, B. I. SIMAKOVSKIY, 12 PP.

RUSSIAN, PER, LITEVNOYE PROIZVODSTVO, NO 10, 1960, PP 31-36.

JPRS 19372

SCI - M/M
MAY 63

231,371

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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On the Problem of Hot Cracking of Castings and Welds, by A. A. Bochvar, et al.

RUSSIAN, per, Lit Proiz, Oct 1960, pp 47.

*HB 5029

Sci - Engr

Jan 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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(NY-2900/48).

Overall Mechanization and Automation of Foundry Production,

RUSSIAN, per, Liteynoye Proizvodstvo, Nov 1960, p 1.

*JPRS

USSR

Econ - Technological - Machine Building

6 Feb 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

(IM-2900/40)

Mechanization and Automation of Large-Series and Mass Production Foundries, by N. A. Struber, 4 pp.

RUSSIAN, per, Liteynoye Proizvodstvo, No 11, 1960, pp 2-5.

JPRS 9071

153, 872

USSR
Econ.
Jan 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Pivko, V. M.
MECHANIZATION AND AUTOMATION OF TRANSPORT IN THE FOUNDRY INDUSTRY. [1961] 21p.
Order from STT $15.00 STT-146-205

Trans. from Liteinoe Proizvodstvo (USSR) 1960, no. 12.

DESCRIPTORS: *Foundries, *Orec, Transportation, *Automation.

(Metallurgy, TT, v. 7, no. 4)

62-12199

I. Pivko, V. M.
II. STT-146-205
III. SCIENTECH, Scientific an Technical Translations, Cleveland, Ohio

Office of Techaical Services

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In the Foundries of Czechoslovakia, by V. M. Shestopal.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 5-7.

DSIR LLU.M.2304
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XRur - Czechoslovakia
Econ
Jun 61

156,026

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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Chiminov, V. V. and Borodina, E. P.
SCHNELLTROCKEN-BINDEMITTEL AUF SULFITAB-LAUGEBASIS (Quick-drying Binder Based on Sulphite-alcohol Distillery Refuse). 6p.
Order from TIB $1.30

Trans. in German of Liteinoe Proizvodstvo (USSR) 1960, no. 12, p. 10-11

DESCRIPTORS: *Binders, *Sulfites, *Alcohols, Distilling plants.

(Engineering--Chemical, TT, v. 9, no. 11)

62-27347

I. Chiminov, V. V.
II. Borodina, E. P.
III. Technische Informations-bibliothek, Hannover (West Germany)

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Bogdanovskii, M. N. and Repkina, V. I.
VORGÄNGE AN DER GRENZE METALL-FORM
(Processes on Metal-mold Boundary). 9p.
Order from TIB $1.70

Trans. in German of Liteinoe Proizvodstvo (USSR)
1960, no. 12, p. 30-32

DESCRIPTORS: *Metals, *Molding.

(Machinery--Manufacturing, TT, v. 9, no. 11)

62-27348

I. Bogdanovskii, M. N.
II. Repkina, V. I.
III. Technische Informations-bibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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Crystallization of Steel Under Mechanical Pressure,
by B. B. Gulyayev, et al.

RUSSIAN, Per, Lit Proiz, No 12, 1960, pp 33, 34.

HB 5111

Sci - Chem

Apr 61

147,435

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Investigation of Heat-Resisting Steel As-Cast and As-Forged, by B. M. Kolobashkin.

RUSSIAN, per, Lit Kmx Proiz, No 12, 1960, pp 34-36.

HB 5180

Sci

Aug 61

163,185

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Pol', V. [G.]
IMPFEN VON GUSSEISEN BEIM HALBSTRANG-GIESSEN VON ROHREN (Cast Iron Modification in Semicontinuous Pipe Casting). 3p.
Order from TIB $0.95

Trans. in German of Liteinoe Proizvodstvo (USSR) 1960, no. 12, p. 41-42.

DESCRIPTORS: *Cast iron, Casting, *Pipes.

(Machinery--Manufacturing, TT, v. 9, no. 11)

62-27349

I. Pol', V. G.
II. Technische Informations-bibliothek, Hannover (West Germany)

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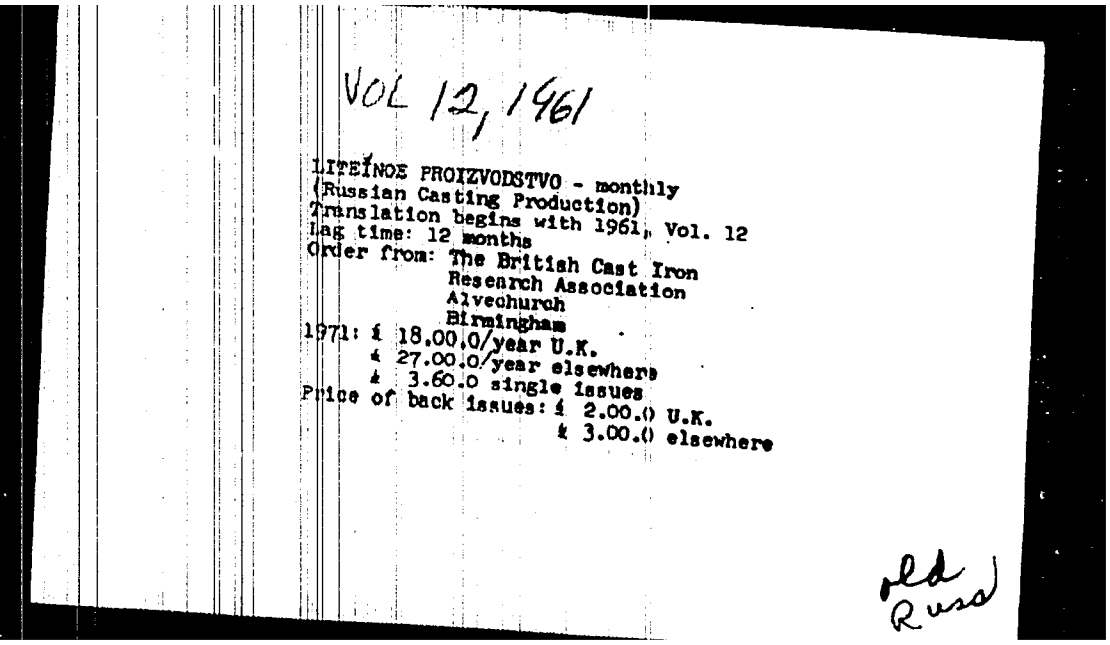

VOL 12, 1961

LITEINOE PROIZVODSTVO - monthly
(Russian Casting Production)
Translation begins with 1961, Vol. 12
Lag time: 12 months
Order from: The British Cast Iron
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Alvechurch
Birmingham
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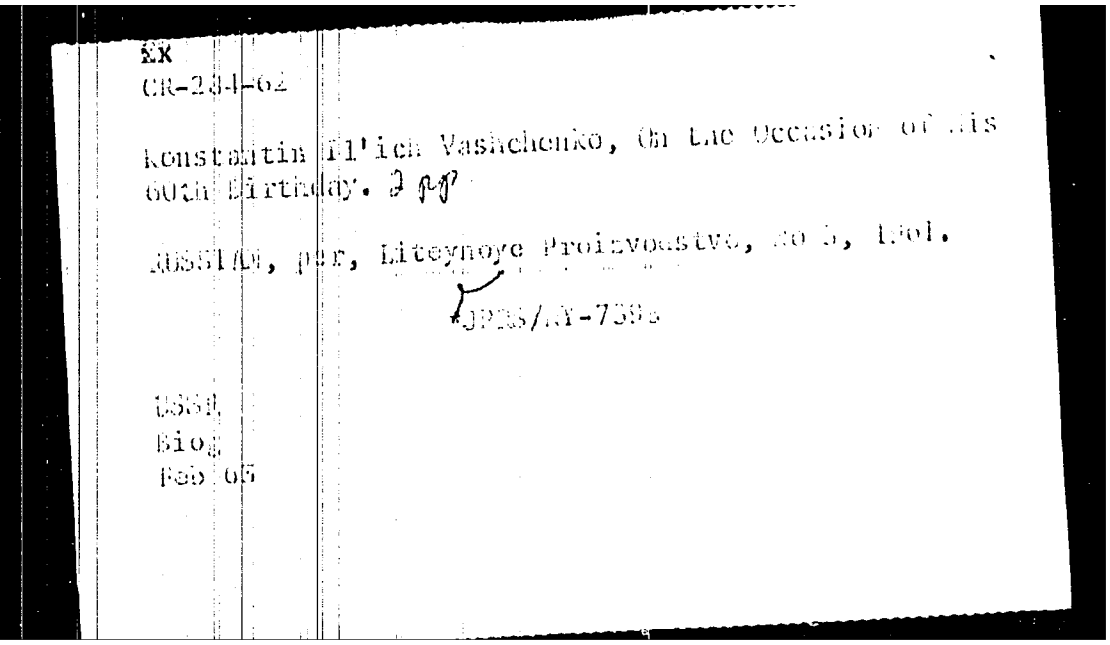

EX
CR-234-62

Konstantin Il'ich Vashchenko, On the Occasion of His 60th Birthday. 2 pp

Avtomatika, per, Liteynoye Proizvodstvo, No 5, 1961.

*TP23/AY-738

UNCL
Biog
Feb 65

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Vacuum Treatment of Gray Cast Iron, by
V. P. Migai.

RUSSIAN, per. Liteinoe Proizvodstvo, No 1,
1963, pp 25, 26.

HB 5916

Sci-MRH
May 63

229,816

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Production of Quality Castings of Titanium-Stabilized 18-9 Steel, by V. P. Smolyakov, E. I. Moshkevich.

RUSSIAN, per. Liteinoe Proiz, No 2, 1963, pp 7, 8.

HB 5914

Sci-MBM
May 63

229,823

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

The Crystallization of Liquid Metal in Oscillatory Centrifugal Casting, by P. N. Bidulya, A. L. Baldov, RUSSIAN, per, Lit Proiz, No 9, 1963, pp 28, 29.

HB 6189

Sci - M/M

Mar 64

250,787

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Automatic Control of Air Blast in Cupolas, by V. Ya. Soltyk, A. V. Klibus.
RUSSIAN, per, Lit Proiz, No 10, 1963, p 15.

HB 6153

Scl - M/M

Mar 64 250,788

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Volume Diffusion in Steels, by F. N. Tavadze.
RUSSIAN, per, Liteynoye Proizvodstvo, No 10,
1963, pp 26-28.
*CFSTI TT 70-59124

Sci-
J une 70

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Large Nonferrous Alloy Centrifugal Castings, by G. I. Shandrenko, A. D. Gridin.
RUSSIAN, per, Lit Proiz, No 10, 1963, p 45.

HB 6148

Sci - M/M

Mar 64 250,800

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Problems in the Manufacture of an Ethylsilicate Covering for Investment Casting, by Z. K. Ancheeva, M. H. Yefimova, 15 pp.
RUSSIAN, per, Liteynoe Proiz, No 1, 1964, pp 2-5.
JPRS 25135

Sci - M/M
Jun 64

262,013

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Action of a Pulsating Gas Stream on Liquid Metal, by
A. A. Alov, V. M. Shmakov.
RUSSIAN, per, Liteynoye Proizvodstvo, No 1, 1964,
pp 16, 17.
HB 6222

Sci - M/M
Apr 64

255,972

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

(AP)

Fundamentals of Investment Casting, by A. A. Tager, S. V. Myshalov, et al. (F-1879)

RUSSIAN, per Liteynoye Proiz, No 1, 1964, pp 42, 43.

*JPRS

Sci - M/M
Apr 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Investigation of Some Casting Alloys for High Precision Parts, by M. L. Khenkin, N. K. Lemiva, et al, 17 pp.
RUSSIAN, per, Liteynoye Proizvod, No 3, 1964, pp 26?-31.
JPRS 25391

Sci - M/M
Jul 64

263,283

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

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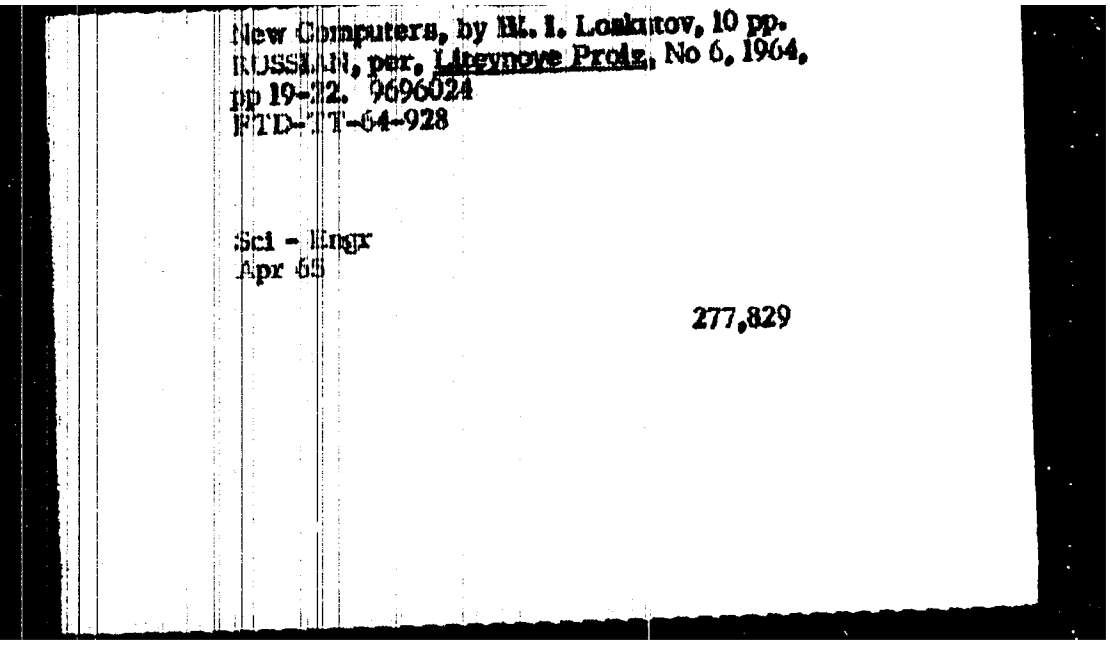

New Computers, by M. I. Lonkatov, 10 pp.
RUSSIAN, per. Lineynoye Prokz, No 6, 1964,
pp 19-22. 9696024
FTD-TT-64-928

Sci - Engr
Apr 65

277,829

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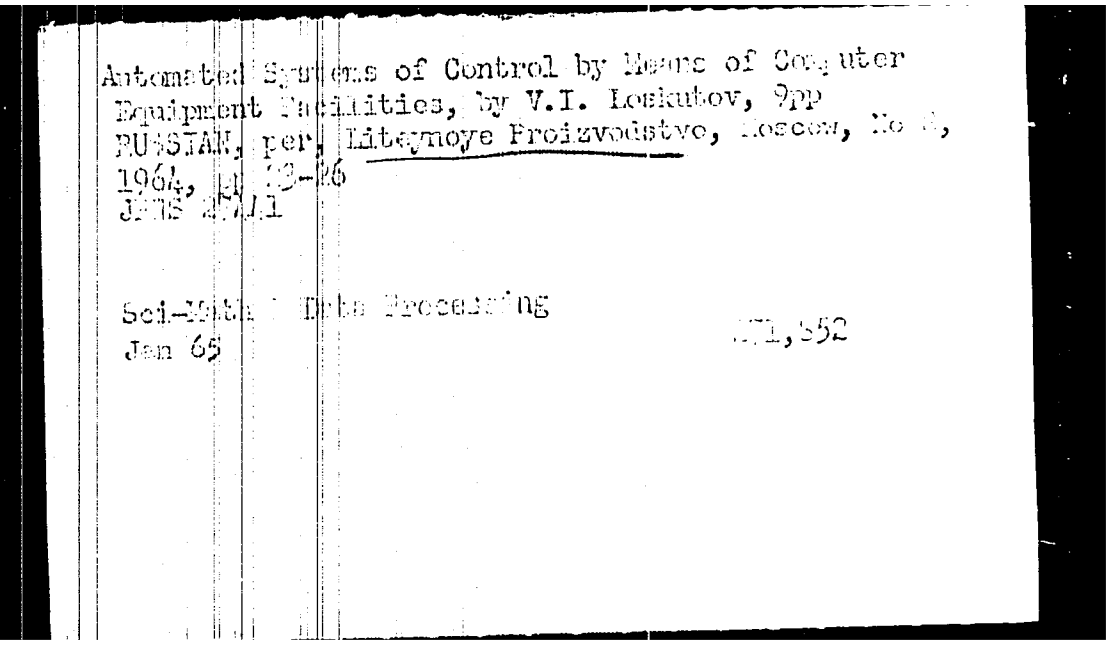

Automated Systems of Control by Means of Computer Equipment Facilities, by V.I. Loskutov, 9pp
PUSTAN, per, Liteynoye Proizvodstvo, Moscow, No 1,
1964, pp 13-16
JPRS 27,711

Sel-Vehicle Data Processing
Jan 65

171,552

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Low Alloy Steel for Tractor Tracks, by
I. A. Bekerman.
RUSSIAN, per. Liteynoye Proiz, No 9, 1964,
p 1.
ACSI 1-7240
ID 2206016865

Sci = M/M
Jun 65

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NCH-200 549 Field 11F, 13H

Luzan, P. P.
THE SELECTION OF PIG IRONS FOR THE PRODUCTION OF S.G. IRON CASTINGS. Dec 64, 9p (foreign text included) 2refs. NLL-M.5628, INC-Trans-64/262.
Order from NLL as M.5628

Trans. of Liteinoe Proizvodstvo (USSR) n9 p8-10 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

I. International Nickel Co. (Mond) Ltd., London (England)

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

NCH-200 550 Field 11F

Sorokin, P. I.; Fominykh, I. P.; Bespalov, Y. G.
THE TREATMENT OF CUPOLA IRONS WITH ALLOYS OF RARE-EARTH METALS. Dec 64, 19p, (foreign text included) 42refs. INC-TRANS-64/263; NLL-M.5629. Order from NLL as M.5629

Trans. of Liteinoe Proizvodstvo (USSR) n9 p27-31 1964. See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

1. International Nickel Co. (Mond) Ltd., London (England)

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Microstructure of Magnesium-Treated Cast Iron Containing Arsenic, by P. P. Luzan.
RUSSIAN, per, Lit Proiz, No 10, 1964, pp 7, 8.
HB Tr No 6426

Sci - M/M
Feb 65

~~224~~
275,000

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Effect of Cerium on the Wear Resistance of Austenitic Manganese Cast Steel, by L. I. Parfenov, M. V. Karakula. RUSSIAN, per, Lit Proiz, No 10, 1964, pp 8, 9.
HB Tr No 6234

Sci -M/M
Feb 65

275,004

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

R-5821-D
7 Sept 65

A Ductless Leading Magneto Dynamic Pump for Liquid Metals
By: V. P. Polishchuk, V. S. Yakovlev
From: LITEYNOYE PROIZVODSTVO No 12, 1964 pp 22 (1 pp)

Russian - ext for wds:

Type one camera ready and 1 carbon copy. Make cover 381-T65-439 I-7795 ID 2204035965. Reproduce for paste-up. Do not mutilate document.

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Results of the Twentieth All-Union Scientific and Technical Conference on Foundry Production, By S. A. Kandash, 10 pp.
RUSSIAN, per, Liteynoye Proizvodstvo, No 12, December 1965, pp 10-13.
JPRS 35,625

Sci-Misc.
May 66 301,272

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Botvinkina, L. N., Zhemchuzhnikov, Yu. A., Timofeev, P. P., Feofilova, A. P., and Yablokov, V. S.
ATLAS OF LITHOGENETIC TYPES OF COAL-BEARING DEPOSITS OF THE MIDDLE CARBONIFEROUS OF THE DONETS BASIN. [1963] [90p]
Order from OTS, SLA, or ETC $8.10 TT-64-14542

Trans. of mono. Litogeneticheskikh Tipov Uglenosnykh Otlozhenii Srednego Karbona Donetskogo Basseina, Moscow, 1956.

DESCRIPTORS: Documentation, *Petrology, *Coal, Rock (Geology), Classification, Geology.

(Earth Sciences--Mineralogy, TT, v. 11, no. 19)

TT-64-14542

1. Title: Atlas (Geological)
I. Botvinkina, L. N.
II. Zhemchuzhnikov, Yu. A.
III. Timofeev, P. P.
IV. Feofilova, A. P.
V. Yablokov, V. S.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Correlation of Relative Amounts of Authigenic Iron and Organic Carbon in Paleocene-Eocene Sedimentary Rocks of the Dagestan Foothills.
By B. A. Akaev, V. L. Galin, 9 pp.
RUSSIAN, per, Litologiya i Poleznye Iskopaemye Akademiya Nauk SSSR, No. 6, 1964, pp. 93-98.
CFSTI TT 68-50610

Sci/ear sci
Dec 69

397,536

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

CR-42/63

Chronicle of Communist Construction - News Items of Events in the Ukraine, 1959-1961. (NY-7527)

UKRAINIAN, monograph, Litopis' Komunistichnoho Budivnytstva, ~~i~~ Kiev, 1962, pp 11 - 417.

*JPRS

USSR
Geog
Feb 63

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

(NY-6417)

Lithuanian SSSR, by P. A. Gargasas, 126 pp.

RUSSIAN, pamphlet, Litovskaya SSR, 1960,
pp 3, 4, 45-128.

JPRS 9536

USSR - Lithuanian

Econ - Geog - Soc

158, 629

Jul 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

The Fock Self-Consistent Field for a 6d Valence Electron in the Lithium Atom, by I. T. Martishius,
RUSSIAN, per. Litovskiy Fizicheskiy Sbornik, Vol I, No 1/2, 1961, pp 97-100,
AFCRL T-R-483

Sci-
Iept 66 310,554

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

The Expressions of the Matrix Elements of the Operator of the Electrostatic Interaction for Different Vector Coupling Schemes, by S. D. Budrite, Ya. I. Vizbarayte, et al, 8 pp.
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik, Vol I, No 3, 4, 1961, pp 282-289. 9226322
AEC-ANL-Tr-122

Sci-Phys
Jan 65

271,828

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

Selection of Initial Data for Numerical Solution of Self-Consistent-field Equations, by A. Kantserlavichius,
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik,
Vol I, No 3/4, 1961, pp 299-308.
AFCRL R-T-484

Sci-
Sept 66 310,555

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2

The General Consideration of the Interaction Operator Matrix Element of Two Atomic Electrons,
by A. A. Bandsaytis, Ya. I. Vizbarayte, et al, 15 pp.
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik, Vol II,
No 1, 2, 1962, pp 61-74. 9226577
AEC-ANL-Tr-107

Sci-Phys
Jan 65

271,792

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100230028-2